



U.S. DEPARTMENT OF ENERGY  
Office of Electricity Delivery and Energy Reliability  
Infrastructure Security and Energy Restoration

# ENERGY ASSURANCE DAILY

Wednesday Evening, October 19, 2016

## ***Electricity***

---

### **DTE Reports Substation Failure Leaves 12,000 Customers without Power in Michigan October 1**

DTE reported that a substation failure on Tuesday briefly knocked out power to 12,000 customers in northeastern Macomb County, Michigan. A DTE spokesperson said that two underground cables supplying power to a pair of substations had failed, which resulted in the outages. DTE restored power to all affected customers by 1:00 p.m. EDT, Tuesday.

[https://twitter.com/dte\\_energy](https://twitter.com/dte_energy)

<http://patch.com/michigan/macomb/power-outage-affects-12-000-dte-customers>

### **Entergy's 653 MW Pilgrim Nuclear Unit 1 in Massachusetts Reduced to 50 Percent by October 19**

On the morning of October 18 the unit was operating at 75 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

### **Constellation's 1,120 MW Nine Mile Point Nuclear Unit 2 in New York Reduced to 70 Percent by October 19**

On the morning of October 18 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

### **CDWR's 237 MW Devil Canyon Hydro Units 1-4 in California Reduced by October 18**

The units entered an unplanned curtailment of 117 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201610181515.html>

### **Solar Partners' 133 MW Ivanpah Solar Unit 2 in California Shut by October 18**

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201610181515.html>

## ***Petroleum***

---

### **Update: Plains All American's 450,000 b/d Basin Pipeline Resumes Operations October 18**

Plains All American on Tuesday said it had resumed operations on its Basin pipeline, which has the capacity to transport 450,000 b/d of Permian Basin crude oil from western Texas to Cushing, Oklahoma. The restart comes one day after the company extended the outage due to pressure fluctuations. According to a shipper notice, Plains completed a 10-day hydrotest on October 14 and was in the process of restoring the pipeline back to full service. Reuters, 16:17 October 18, 2016

### **Shell Reports Process Unit Startup at Its 285,500 b/d Deer Park, Texas Refinery October 18**

Royal Dutch Shell Plc reported one of the process units was in startup mode at its Deer Park refinery, according to a community information alert. Shell added there was a possibility of elevated flaring.

Reuters, 15:14 October 18, 2016

## **Total Reports Normal Operations after Upset at Its 225,500 b/d Port Arthur, Texas Refinery October 19**

Total reported that a sudden loss of power to Unit 870 at its Port Arthur, Texas refinery resulted in upsets on Units 836 and 875. After power was restored to Unit 870, all three affected units were returned to normal operations. Reuters, 15:05 October 19, 2016

## **Shell Warns of Flaring During Unit Restarts at Its Scotford, Alberta Facility October 19**

Shell said it was restarting a unit at its Scotford facility and warned of flaring for the next five days, according to a community information line. The Scotford facility houses a 100,000 b/d refinery and a 255,000 b/d oil sands upgrader. Reuters, 11:36 October 19, 2016

## **U.S. Commercial Crude Stocks Fall by 5.2 Million Barrels October 14 – EIA**

U.S. commercial crude inventories fell by 5.2 million barrels to 468.7 million barrels in the week ending October 14, compared with analysts' expectations for an increase of 2.7 million barrels, the U.S. Energy Information Administration (EIA) said on Wednesday. Crude stocks at the Cushing, Oklahoma delivery hub fell by 1.635 million barrels, EIA said. Reuters, 10:33 October 19, 2016

## **Chevron Completes First Bid Round on Its 57,000 b/d Burnaby, British Columbia Refinery October 18 – Sources**

Chevron Corp completed an initial round of bidding on its Burnaby, British Columbia, refinery late last week, three sources familiar with the process said on Tuesday. The refinery, located east of Vancouver, does not process bitumen, the heavy, tar-like substance extracted from Canada's oil sands, and so it might be less attractive to Canadian producers, the sources said. Chevron said its "expression of interest process" is focused on the potential sale of refining and marketing assets in British Columbia, excluding Chevron Canada's lubricants business. [http://www.downstreamtoday.com/news/article.aspx?a\\_id=53959](http://www.downstreamtoday.com/news/article.aspx?a_id=53959)

---

## **Natural Gas**

### **Update: Alliance Pipeline Lifts Force Majeure on Canada Natural Gas System October 19**

Alliance Pipeline on Wednesday said the force majeure event on the Alliance Canada System was lifted and the system will be available for transportation services at the start of gas day October 20. Alliance on Tuesday said it declared a force majeure due to an extension of an outage as a result of a delay in maintenance at the Aux Sable Liquid Products facility in Illinois.

[http://ips.alliance-pipeline.com/Ips/ContentViewer.aspx?notice\\_id=10744&cwc\\_website\\_content\\_id=52](http://ips.alliance-pipeline.com/Ips/ContentViewer.aspx?notice_id=10744&cwc_website_content_id=52)

### **Update: SoCalGas Provides Update on Well Integrity Tests, Infrastructure Improvements at Its 86 Bcf Aliso Canyon Natural Gas Storage Facility in California October 19**

Southern California Gas Co. (SoCalGas) said on Wednesday it had completed safety review tests on 27 wells at its Aliso Canyon natural gas storage facility in Los Angeles, which has been shut since October 2015 following a massive methane leak that was not plugged until February. In addition, the company said the inner pipe casing of every approved well has been replaced, totaling to more than 40 miles of new steel piping. The remaining wells at the storage facility have either been temporarily sealed off from the storage reservoir until further testing is completed, or have been permanently plugged and taken out of service, in compliance with regulations and state law. Under state law, SoCalGas cannot inject natural gas into the facility until the California Division of Oil, Gas and Geothermal Resources (DOGGR) approves the company's testing of the 114 wells at the facility to ensure their safety. SoCalGas did not say when it would be ready to seek state regulatory approval to begin injections, but because DOGGR must give the public 15 days notice before the hearing, SoCalGas could not start injecting gas into Aliso Canyon until November at the earliest.

<http://sempira.mediaroom.com/index.php?s=19080&item=137209>

Reuters, 13:39 October 19, 2016

---

## **Other News**

Nothing to report.

## International News

---

Nothing to report.

## Energy Prices

---

U.S. Oil and Gas Prices			
October 19, 2016			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	51.54	50.09	45.86
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.22	3.14	2.38

Source: Reuters

## Links

---

***This Week in Petroleum*** from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

***Weekly Petroleum Status Report*** from EIA

[http://www.eia.gov/oil\\_gas/petroleum/data\\_publications/weekly\\_petroleum\\_status\\_report/wpsr.html](http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html)

Updated after 10:30 AM & 1:00 PM ET every Wednesday.

***Natural Gas Weekly Update*** from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM ET every Thursday.

### ENERGY ASSURANCE DAILY

*Energy Assurance Daily* provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. ET. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

<http://www.oe.netl.doe.gov/ead.aspx>

Please direct comments and questions to: [ead@oe.netl.doe.gov](mailto:ead@oe.netl.doe.gov)